

unit price per each for the pertinent item. The payment will be full compensation for furnishing the controller or cabinet when specified, installation, and for all material, labor, equipment, tools, and incidentals necessary to complete the work.

816.04.02 Concrete foundations will be measured and paid for as specified in 801.04.

816.04.03 Conduit will be measured and paid for as specified in 805.04.

816.04.04 Ground rods will be measured and paid for as specified in 804.04.

816.04.05 Lighting Cabinets will be measured and paid for at the Contract unit price per each of the type and size as specified in the Contract Documents. The payment will be full compensation for all enclosures, panel boards, transformers, circuit breakers, contactors, relays, photoelectric controls, thermostats, fans, selector switches, ground fault interrupters, lightning arresters, conduit, internal wiring, wiring devices, and for all material, labor, equipment, tools, and incidentals necessary to complete the work.

SECTION 817 — PUSH BUTTONS AND PUSH BUTTON SIGNS

817.01 DESCRIPTION. This work shall consist of furnishing and installing round pedestrian push button assembly with 2 in. plunger and push button signs at locations specified in the Contract Documents, or as directed by the Engineer.

817.02 MATERIALS.

Retroreflective Sheeting (Type II)	950.03.01
Push Button Sign	950.08
Push Buttons	A 319

The push button assembly shall be weather-tight and tamper proof. The assembly shall be designed to prevent an electrical shock under any weather condition and shall have provisions for grounding in conformance with the NEC.

- (a) The push button assembly shall be fabricated from aluminum ingot and have an anodized finish.

- (b) The push button plunger shall be chrome plated, 2 in. diameter, and have a spring with operative force not to exceed 5 lb.
- (c) The push button switch shall have single-pole momentary, normally-open, single-throw contacts and spade-type terminals.
- (d) The switch assembly shall have an operating force of approximately 0.5 lb, but shall not exceed 1 lb.
- (e) The switch assembly shall be UL approved and electrically rated to carry 25 amps at 120 volts AC.

817.03 CONSTRUCTION. Push buttons shall be located as specified in the Contract Documents in positions that clearly indicate to the pedestrian which crosswalks are actuated by each push button.

The Contractor shall furnish all mounting hardware and drill holes to provide cable and wire entrances as specified in the Contract Documents.

817.04 MEASUREMENT AND PAYMENT. Push Buttons and Push Button Signs will be measured and paid for at the Contract unit price per each. The payment will be full compensation for furnishing, installing, drilling of holes, mounting hardware, and for all material, labor, equipment, tools, and incidentals necessary to complete the work.

SECTION 818 — SIGNAL STRUCTURES

818.01 DESCRIPTION. This work shall consist of the pickup and the installation of Administration furnished signal structures of the sizes specified in the Contract Documents or as directed by the Engineer. The anchor bolts, grommets and miscellaneous hardware will be furnished by the Administration.

818.02 MATERIALS.

Signal Structures Hardware Furnished by the Administration

818.03 CONSTRUCTION. The signal structure shall be installed on a concrete foundation conforming to Section 801 and as specified in the Contract Documents.

Breakaway base support systems, when specified, shall conform to Section 821.